

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-109668

(43) Date of publication of application : 18.04.2000

(51)Int.Cl.

C08L 69/00  
// (C08L 69/00  
C08L 83:04  
C08L 27:18 )

(21)Application number : 10-287878

(71)Applicant : ASAHI CHEM IND CO LTD

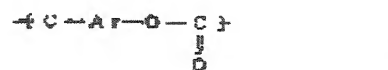
(22)Date of filing : 09.10.1998

(72)Inventor : YATANI HIROSHI

## (54) FLAME-RETARDANT POLYCARBONATE COMPOSITION

(57)Abstract:

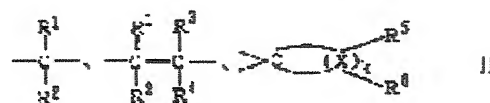
**PROBLEM TO BE SOLVED:** To obtain a polycarbonate compsn. excellent in flowability and flame retardancy by incorporating a polycarbonate having terminal phenolic hydroxyl groups in a specified amt. or higher and a wt. average mol.wt. in a specified range, an organopolysiloxane, and polytetrafluoroethylene, each in a specified amt., into the same.



**SOLUTION:** This compsn. contains 100 pts.wt.

polycarbonate comprising repeating units represented by formula I and having a content of terminal phenolic hydroxyl group of 0.05 wt.% or higher and a wt. average mol.wt. of 15,000-25,000, 1-30 pts.wt.

organopolysiloxane having a wt. average mol.wt. of 10,000-300,000, and 0.1-0.5 pt.wt.



polytetrafluoroethylene dispersed as fibrils having

diameters of 0.5  $\mu\text{m}$  or lower. In formula I, Ar is a divalent arom. group or  $-\text{Ar}1-\text{Y}-\text{Ar}2-$  (wherein Ar1 and Ar2 are each arylene; and Y is an optionally subst'd.

alkylene group represented by formula II); R1 to R4 are

each H, lower alkyl, cycloalkyl, aryl, or the like; k is 3-11; and X is a carbon atom or the like.

## LEGAL STATUS

[Date of request for examination]

08.09.2005

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]